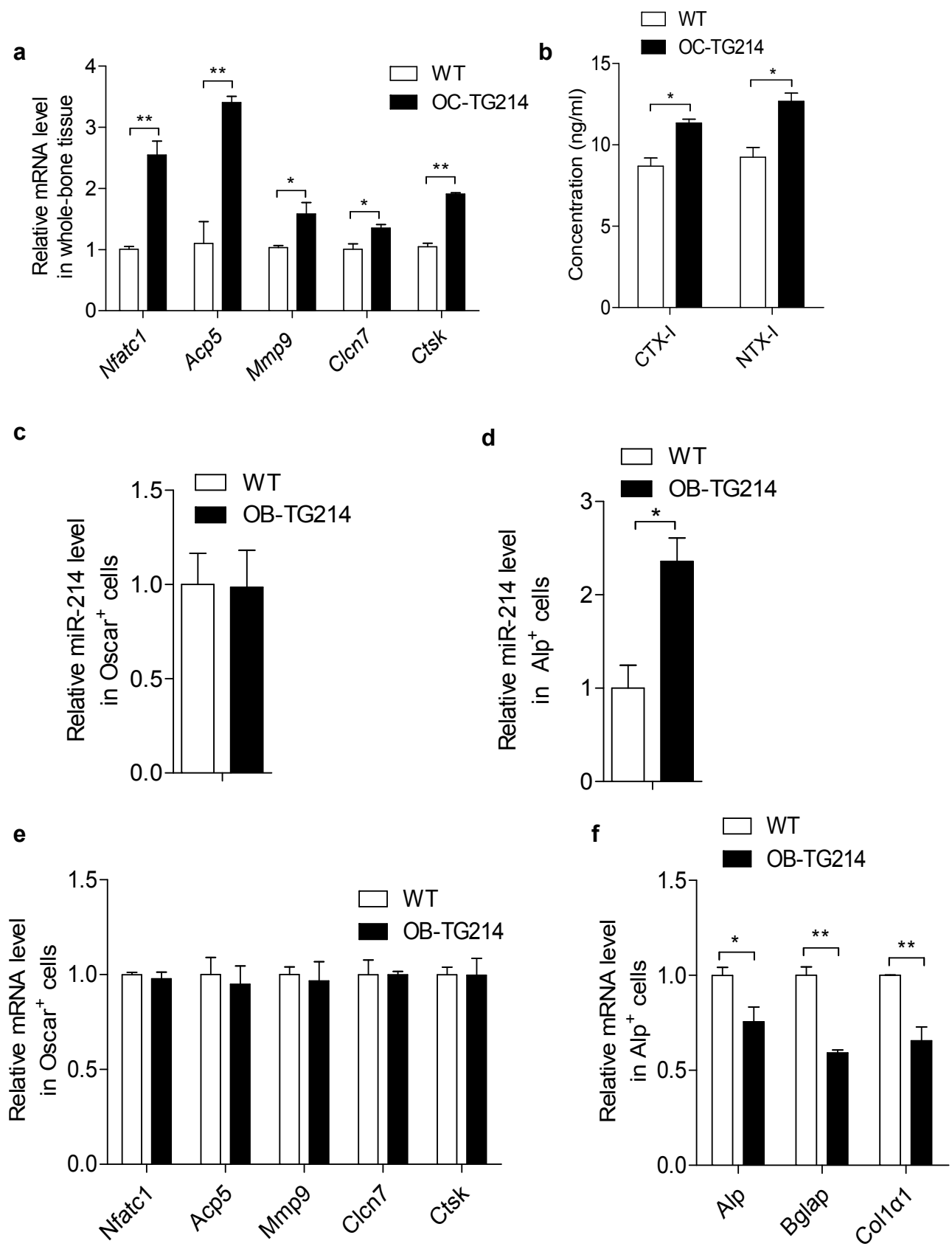


Supplementary Figure 6



Supplementary Figure 6. Changes in osteoclast and osteoblast activities in OC-TG214 and OB-TG214 mice.

(a) *Nfatc1*, *Acp5*, *Mmp9*, *Clcn7* and *Ctsk* mRNA levels in whole-bone tissues of WT and OC-TG214 mice were analyzed by qRT-PCR. The PCR products were normalized to *Gapdh*. (b) Serum CTX-I and NTX-I levels in WT and OC-TG214 mice were analyzed by ELISA. n=3. (c,d) miR-214 levels in Oscar⁺ cells and Alp⁺ cells from OB-TG214 mice were analyzed by qRT-PCR. (e,f) *Nfatc1*, *Acp5*, *Mmp9*, *Clcn7* and *Ctsk* mRNA levels in Oscar⁺ cells and *Alp*, *Bglap*, *Col1α* mRNA levels in Alp⁺ cells from OB-TG214 mice were analyzed by qRT-PCR. The PCR products were normalized to *Gapdh*. The data represent the mean \pm SEM of 3 experiments in triplicate; **P*<0.05, ***P*<0.01.